

## **Abstract**

The present invention discloses a flexible anchoring rope for fixing a floating platform in the water, and such anchoring rope is made of a substance consisting of a mixture of rubber and carbon  
5 fiber in an appropriate ratio and wrapped inside fibers. The fixtures on both ends of such flexible anchoring rope are used to fix a floating platform to an anchor in the water. By means of the good pre-stressed buffer provided by the flexible anchoring rope, the maximum extensibility is up to 90~120% which can sustain the  
10 tension produced by the tidal currents during the rising and ebb tides, and its good resilience can keep the floating platform in a specific area.